IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Matthew R. Arnold, et al.   **Docket:** 13734 (YOR920000357US1)

Serial No.:   unassigned   **Dated:** November 1, 2000

Filed: Herewith

For: SYSTEM AND METHOD FOR CHARACTERIZING
PROGRAM BEHAVIOR BY SAMPLING AT SELECTED
PROGRAM POINTS

Assistant Commissioner for Patents
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

     In accordance with 37 C.F.R. §§1.97 and 1.98, it is requested that the

following references, which are also listed on the attached Form PTO-1449, be made of

record in the above-identified case.

1. U.S. Patent No. 5,995,754, issued November 30, 1999;

2. "Profile-Guided Receiver Class Prediction", by David Grove, et al.,
   1995 ACM 0-89791-703-0/95/0010, pp. 108-123;

3. "ADAPTIVE SYSTEMS FOR THE DRYNAMIC RUN-TIME
   OPTIMIZATION OF PROGRAMS", Gilbert J. Hansen, National
   Technical Information Service, March 1974, AD784880;

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

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indicated above and is addressed to the Assistant Commissioner of Patents and Trademarks,
Washington, D.C. 20231.

Dated: November 1, 2000

Mishelle Mustafa

4. "System Support for Automatic Profiling and Optimization", by Xiaolan Zhang, et al., Division of Engineering and Applied Sciences, Harvard University, pp. 15-26;

5. "Digital FX!32: Combining Emulation and Binary Translation", by Raymond J. Hookway, et al., Digital Technical Journal, Vol. 9, No. 1, 1997, pp. 2-13;

6. "Transparent Dynamic Optimization; The Design and Implementation of Dynamo" by Vasanth Bala, et al., Hewlett Packard, 1999, pp. 2-102;

7. "A General Approach for Run-Time Specialization and its Application to C", by Charles Consel, et al., 1996 ACM 0-89791-769-3/9/01, pp. 145-156;

8. "Reconciling Responsiveness with Performance in Pure Object-Oriented Languages", by Urs Hölzle, et al, ACM Transactions on Programming Languages and Systems, Vol. 18, No. 4, July 1996, pp. 355-400;

9. "tcc: A System for Fast, Flexible, and High-level Dynamic Code Generation", by Massimiliano Poletto, et al., 1997 ACM 0-89791-907-6/97/0006, pp. 109-121;

10. "Profile-guided Automatic Inline Expansion for C Programs, by Pohua P. Chang, et al., Software-Practice and Experience, Vol. 22(5), May 1992, pp. 349-369;

11. "Fast, Effective Dynamic Compilation", by Joel Auslander, et al., 1996 ACM 0-89791-795-2/96/0005, pp. 149-159;

12. "Exploiting Hardware Performance Counters with Flow and Context Sensitive Profiling", by Glenn Ammons, et al., 1997 ACM 0-89791-907-6/97/0006, pp. 85-96;

13. "Continuous Program of Optimization", by Thomas P. Kistler, University of California at Irvine, 1999, pp. 5-151;

14. "Efficient Compilation and Profile-Driven Dynamic Recompilation in Scheme", by Robert G. Burger, Indiana University, March 1997, pp. ii-xi and 1-91;

15. "An Infrastructure for Profile-Driven Dynamic Recompilation", by Robert G. Burger, et al., Computer Science Department, Indiana University, pp. 1-10;

16. "Efficient Incremental Run-Time Specialization for Free", by Renaud Marlet, et al., University of Rennes", by , pp. 281-292;

17. "Optimizing ML with Run-Time Code Generation", by Peter Lee, et al., School of Computer Science, 1996 ACM 0-89791-795-2/96/0005, pp. 137-148

18. "Continuous Profiling: Where Have All the Cycles Gone?", by Jennifer m. Anderson, et al., SRC Technical Note, 1997-016a, pp. 1-20;

19. "Implementing Jalapeño in Java", by Bowen Alpern, et al., 1999 ACM 1-58113-238-7/99/0010, pp. 314-325;

20. "An Evaluation of Staged Run-Time Optimizations in DyC", by Brian Grant, et al., Department of Computer Science and Engineering, University of Washington, pp. 293-304; and

21. "The Jalapeño virtual machine", by B. Alpern, IBM Systems Journal, Vol. 39, No. 1, 2000, pp. 211-238.

Applicants are submitting copies of the above-cited references.

Inasmuch as this Information Disclosure Statement is being submitted in accordance

with the schedule set out in 37 C.F.R. §1.97(b), no petition, certification or fee is required.

Respectfully submitted,

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